CLAIMS:

1   1.   A method comprising the steps of:

2   transmitting at a rate on a downlink shared channel having slots with each slot

3 including a preamble locally identifying a wireless unit and data;

4   transmitting on a dedicated control channel associated with a dedicated

5 downlink channel including power control bits and pilot bits; and

6   transmitting on a beacon channel a power fraction information, downlink

7 activity information and code space information.

1   2.   The method of claim 1 comprising:

2   receiving on an uplink dedicated physical control channel, rate information for

3 transmitting on said downlink shared channel, and an acknowledgment information

4 indicating the receipt of data.

1   3.   A method comprising the steps of:

2   receiving at a rate on a downlink shared channel having slots with each slot

3 including a preamble locally identifying a wireless unit and data;

4   receiving on a dedicated control channel associated with a dedicated downlink

5 channel including power control bits and pilot bits; and

6   receiving on a beacon channel a power fraction information, downlink activity

7 information and code space information.

1   4.   The method of claim 1 comprising:

2   transmitting a rate on an uplink dedicated physical control channal, rate

3 information calculated using said power fraction information, said downlink activity

4 information and said code space and acknowledgment information indicating the

5 receipt of data.

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